G. R. S. App. F. IX-4]

1942 -3

W File No. 286 - 42

Previous References.
W 102-41-1 to 29. (War)

Serial Nos. 1 to 4

Later References.

P.30

GENERAL AND REVENUE SECRETARIAT

Serial Nos. Four only

Part B for January 1944.

SUBJECT.

Department of Supply — Revised instructions to indentors.

24.1.44.

W 286-42-1 Sr 964 W I

OFFICE OF THE HON'BLE THE RESIDENT IN MYSORE.

Bangalore, 14th October 1943.

No.F.17-40(2)/W. (Encl 4).

A copy of the undermentioned papers is forwarded to the Chief Secretary to the Government of His Highness the Maharaja of Mysore, Bangalore, for information, with reference to endorsement from this Residency No.F.17-40/W, dated the 21st January 1942.

2. A copy of Railway Board's memorandum No.43/982/5/SI, dated the 19th May 1943 was forwarded with endorsement from this Residency No. R.F.186-43/G & A., dated the 26th June 1943.

By order, etc.,

for SECRETARY TO THE RESIDENT.

Government of India (Supply Department) Office Memoranda Nos.F/3656/BA, dated the 21st January 1943 and F/3656/SBA, dated the 20th July 1943 with enclosure in original.

MAP.

sd. The Acty S/C has been requested to issue necessary instructions to indentors. The Ry Board Memorandum of 19th May 43 is ascertained to have been received in the Ry Section concerned for working up. As soon as this will be sent to the Ry Section for Note and the papers then sent to the Acty S/C also for Note and return

Ry Sec'a)

RAILWAY BOARD'S OFFICE No. 25-10-43

I

Railway Boards' orders of 19-5-1943 was received already in the Railway Secretariat and necessary action taken; & duly-made copies of orders placed below. Copies of Government of India (Department of Supply) letter of 21-1-1943 & of its enclosures have also been

964/W

Continuation Sheet. File No. / Current No. of Page.

been sent to the General Manager, M. S. Rly., for information.

Asst. Secy. Secy. (Work) W/C

4/11

5/11

Q.O.35

5/11

Forwarded with compliments to the Secretary S P C for Note and return.

Q.O. No. 133/W dated 6-11-43

For Chief Secretary to Govt.

Noted and returned.

31/12/43 Secretary Supply Dept

31/12/43

31/.

W 286-42-2. 1187

OFFICE OF THE HON'BLE THE RESIDENT IN MYSORE.

Bangalore, 4th November 1943.

No.F.17-40(2)/W. 3215

A copy of the undenmentioned paper is forwarded to the Chief Secretary to the Government of His Highness the Maharaja of Mysore, Bangalore, for information in continuation of endorsement from this Residency No.F.17-40(2)/W, dated the 14th October 1943.

By order, etc.,

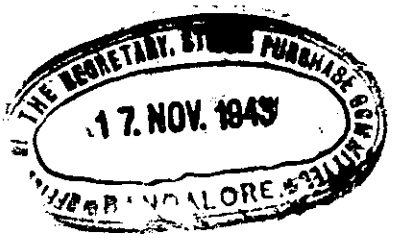
for SECRETARY TO THE RESIDENT.

- - - - -

Government of India, (Department of Supply) Office Memorandum No.F/3656/SBA, dated the 28th September 1943.

SUPPLY SECRETARIAT

6 NOV 1943


THE SECRETARY
PURCHASE BOOK
17. NOV. 1943

No.F/3656/SBA. Government of India,
Department of Supply,
Munitions Production Branch,
6, Esplanade East, Calcutta,
the 28th September 1943.

OFFICE MEMORANDUM.

Subject:- Requirements of Panel goods for new projects.

In the Department of Supply (M.P.Branch) Office Memoranda No.F/3656/SBA dated 21.1.43 and 20.7.43, the manner in which the civilian requirements of items falling under the Panel Scheme are to be obtained from the U.K. has been explained. So far, the estimates of India's requirements were prepared by the various Importers' Panels and covered only what was required for purposes of maintenance and replacement. Requirements of any special projects were obtained by making ad hoc recommendations outside the Panel quotas.

2. The Secretary of State has now asked that the quarterly estimates of India's requirements of panel items which are sent up to him should take into account not only the maintenance requirements but also include the requirements of new projects. The members of the Importers' Panels have, however, no knowledge of such projects and are, therefore, unable to prepare the comprehensive estimate which the Secretary of State now requires.

3. It is, therefore, necessary that all civil indentors initiating new projects which are likely to require panel items on any appreciable scale should send an intimation to this Department as soon as possible explaining in full the nature of the project and indicating as correctly as possible the initial and recurring requirements of panel items for the project in question. These reports should be sent to the Director of American and Panel Imports, 7/8, Ezra Mansions, Calcutta, and should particularly include the date on which it is intended that the new project should be completed. It is emphasized that unless such information is made available at the earliest possible moment, it may not be possible to obtain the necessary equipment from the U.K.

Sd/ x x x x x
Joint Secy. to the Government of India.

copy/

C. F. 71.]

WD 01517—GPB—40,000—9-12-42

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for ~~permanent~~ record.]

permanent.

Subject

Previous reports on this subject have not been received in this Branch. This may perhaps be referred to the Town Section.

13/11

15/11

Town Section)

The previous letters have been sent to the S.P.C for Not & return. This will be sent in connection with the proposal.

16/11

S. P. C)

N.B.— Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.

Instructions to tenderers of Supply Dept Page Memorandum

W286-42-3. 1143/W.

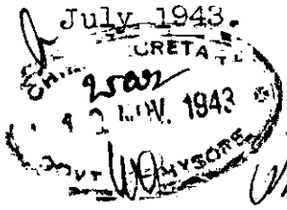
OFFICE OF THE HON'BLE THE RESIDENT
IN MYSORE.

Bangalore, 10th November 1943.

No.F.17-40(2)/W. (Secret)

A copy of the undermentioned papers is forwarded to the Chief Secretary to the Government of His Highness the Maharaja of Mysore, Bangalore,

for information, in continuation of endorsement from this Residency No.F.17-40(2)/W, dated the 16th July 1943.



By order, etc.,

for SECRETARY TO THE RESIDENT.

- - - -

Government of India (Supply Department) office memorandum No.S. 43(364) dated the 14th and 19th October 1943.

[illegible] subject was sent up to the Dy Chief Secy Mysore Govt. This will be sent in Continuation for Note and return with the Main file. Sent herewith for perusal.

No

RS
XII/XI

Sent. P.G. 07

Copy of office memorandum No.S.43(364), dated the 14th October 1943 from the Government of India, Department of Supply, (Main Secretariat) to the Political Department etc.

- - - - -

The undersigned is directed to refer to this Department's Office Memorandum No.M26(20), dated the 23rd December 1941, and to request, that the following further amendments be made therein:-

1. In the Statement "B" appended thereto,
   (a) delete the words "Canvas all kinds" on page 6.
   (b) insert "Sirens" as a separate item below item "Shellac"., on /page 8.
   (c) delete the words "Cotton waste" on page 6.
   (d) delete the words "Durries" on page 7.
   (e) delete the words "Foodstuffs for men and animals" on page 7.
   (f) Delete the words "Hosiery all kinds" and substitute "Hosiery other than Cotton", on page 7.
   (g) insert the word "Matches" as a separate item immediately below "Locks and padlocks", on page 8. --
   (h) delete the words "Mosquito netting" on page 8.
   (i) insert after the words "Oils vegetable", in continuation . (Except for foodstuffs), on page 8.
   (j) insert the words "Parachutes and Statichutes" as a separate item after "Paper all kinds except stationery", on page 8.
   (k) delete the words "Tapes and webbing" on page 8.
   (l) delete the words "Tents and all tentage components" and substitute "Tentage components of wood and metal only", on page 8.
   (m) add the words "(other/ than cotton)" after the words "Textiles", in continuation, on page 8.
   (n) delete the words "Threads sewing" on page 8.
   (o) delete the words "Tobacco and cigarettes" on page 8.
   (p) insert the words "Ebonite rods, tubes and sheets" as separate item, after the item "Earthenware" on page 7.
   (q) add the words "other than metallic" in continuation of item "Carriage body fittings (Rly.)" on page 6.
   (r) add the words "other/ than cotton" in continuation of item "Twines" on page 9.
   (s) delete the words "(except steel helmets)2 occurring in the items "Headware (except steel helmets)" on page 7.
   (t) insert "Stirrup pumps and Trailer pumps including components", as a separate item below "Spirits denatured", on page 8.
   (u) insert "Carbide" as a separate item below "Candles" on page 6.

2. In Statement A appended thereto,
   (a) delete the words "Nasul" occurring in the item "Carriage body fittings (Rly.) made of nasul" and substitute instead "metal", on page 3.
   (b) delete the item "Ebonite rods, tubes and sheets" on page 3.
   (c) delete the words "excluding those for motor vehicles" occurring in the item "Electric Batteries excluding those for motor vehicles and cells" on page 3.
   (d) delete the item "Stirrup pumps" on page 5.
   (e) delete the item "Helmets Steel" on page 4.
   (f) delete the items "Coal" and "Coak I" on page 3.
   (g) delete the item "Mica" on page 4.

.....

Copy of office memorandum No.S.43(364), dated the 19th October 1943 from the Government of India, Department of Supply, (Main Secretariat) to the Political Department etc.

- - - -

Revised instructions to Indentors.

The undersigned is directed to refer to this Department's memorandum No.M-26(20), dated the 23rd December 1941 and to request that the following amendment be made therein.

(1) In Statement A on page 4, in the bracketted portion after item "Packing and Jointing materials", for the word "Excluding" substitute the word "including".

---:o:---

W 286-42-4. 1571/W

OFFICE OF THE HON'BLE THE RESIDENT IN MYSORE.
Bangalore, 2nd December 1943.
No.F.17-40(2)/W.

A copy of the undermentioned paper is forwarded to the Chief Secretary to the Government of His Highness the Maharaja of Mysore, Bangalore,

for information in continuation of endorsement from this Residency No.F.17-40(2)/W, dated the 10th November 1943.

By order, etc.,

for SECRETARY TO THE RESIDENT.

Government of India (Supply Department), office memorandum No.3-43(364), dated the 2nd December 1943.

MS.

New Delhi, the
2nd Dec.r, 1943.

No.S-43(364). GOVERNMENT OF INDIA.
Department of Supply (Main Secretariat).

OFFICE MEMORANDUM.

Subject:- Revised instructions to Inventors.

The undersigned is directed to refer to this Department's Office Memorandum No.M-26(20) dated the 23rd December 1941 and to request that the following amendments be made in the statements appended thereto:-

(1) In Statement 'B' delete the item 'Graphite'.
(2) In Statement 'A' insert "Graphite" as a separate item below the item "Goggles and Spectacles".

Sd/- M.Ayub.
Under Secy. to the Govt. of India.

The previous paper was forwarded to the Secy. to P.C. This may also be forwarded to him.

Secld.

Sec 3/1/44. S.P.C.) 3/1/44

The file returned to the War Section on 3rd January 1943.

5/1/44 War Sec'n) 5/1/

THE SECRETARY STORES PURCHASE OFFICE 5 JAN 1943 11924 BANGALORE.

No.F/3656/BA.
Government of India.
DEPARTMENT OF SUPPLY.
Munitions Production Branch,
6, Esplanade East,
Calcutta, the 21st January, 1943.

OFFICE MEMORANDUM.

Sub:- Instructions to indentors for Order on D.G.I.S.D.

.....

In para 6(a) of the Department of Supply Office Memo.No.M-26(20) of the 23rd December, 1941, a reference has been made to the necessity of following a special procedure for obtaining certain difficult items from overseas, such as non-ferrous metals and steel. Owing to subsequent developments, the procurement of certain engineer stores has become increasingly difficult, and it has been necessary to evolve a special system for maintaining an even flow into India of these goods. The scheme which is known as the Panel System works as follows:-

Panels of importers, which have been set up for the purpose, assess the requirements of all Indian consumers excepting only the Defence Service indentors, and the D.G.M.P. applies to the Secretary of State for a quota to be allotted to India based on the assessment made by the Panel. The Secretary of State then allots either the quantity asked for or less according to the supply position in the U.K. Where the quantity allotted by the Secretary of State falls below India's minimum requirements, application is made to the U.S.A. for the balance. The idea is to ensure that India's minimum essential requirements are estimated in advance and their timely import is arranged, so that the goods may be available from stockists in India, as and when the necessity arises. The scheme is further intended to insure that such limited supplies as are made available from the U.K. are distributed equitably in accordance with the essentiality and urgency of competing demands. The system has so far been applied only to articles mentioned in Schedule A attached.

2. The Secretary of State has pointed out that since the quotas allotted by him are intended to cover India's total requirements excluding only the Defence Service needs (which are ordered through the War Office), he must deduct from the quotas made available to D.G.M.P. any outstanding orders placed on the D.G.(I.S.D.), Blackpool. Unless, therefore, there is some co-ordination between orders placed direct on the D.G.(ISD) by the indentors who are authorised to do so, and the e stimates of India's essential requirements which the Panels prepare, all allotments of quotas by the D.G.M.P. to various importers on the advice of the Panels would be in danger of being reduced by the Secretary of State, in the light of orders placed direct on the D.G.(ISD).

3. In order to ensure that the picture of India's requirement, on the basis of which the Secretary of State will proceed to obtain a quota, goes forward as a whole, indentors are requested to follow the instructions laid down below:-

(a) All indentors who are entitled to indent direct on the D.G.(ISD) should now decide for themselves whether they propose to obtain their supplies of the types of equipment enumerated in the Schedule A attached, through the D.G.(ISD) or from the importers in this country who obtain their supplies under the Panel Scheme. The latter course would seem preferable in as much as supplies will be made by the importers ex-stock in India, and furthermore, would facilitate the co-ordination of India's minimum requirements. It is requested that their decision may be communicated to the D.G.M.P. within a month.

(b) Indentors who prefer to continue to indent on D.G.(ISD) are reminded that they have to send a copy of each of their indents to the appropriate Director General of the Supply Department, i.e., in the case of the items in Schedule A, to D.G.M.P. It is, therefore, necessary that copies of such indents should reach D.G.M.P. by certain fixed dates, and indentors are requested to let D.G.M.P. know thedates by which they can conveniently send these copies to him. Every attempt will be made not to interfere with the time-table which is already being followed by the various indentors, and suitable dates will be fixed after considering the wishes of the indentors and taking into account the time-table which the Secretary of State has laid down for submitting to him the estimates of India's requirements.

(c)

P.T.O

(c) Indentors who propose to obtain their supplies from the Panel importers through the D.G.M.P. will place their indents on the D.G.M.P. in the usual manner.

(d) It must be understood that in the event of the U.K. being unable to provide India with her requirements in full, all indentors and consumers must bear a proportion of the shortage. Indentors will be advised by the D.G.M.P. when such an occasion arises.

(e) Too much emphasis cannot be laid on the extreme shortage of all engineering and electrical equipment as well as of shipping space. The co-operation of all indentors is, therefore, invited in reducing to the absolute minimum their consumption of such goods. In particular, they are requested to even out stocks of equipment among the different branches under their control so that India's demands may be kept to a minimum. Further, indents on D.G.(ISD) should not exceed the minimum requirements for six months, and indentors who usually indent for longer periods should make it clear to the D.G.(ISD) that the shipment of the whole quantity is to be spread out over a suitable period, so that not more than six months' requirements are in sight at any one moment.

(f) In order to enable D.G.M.P. to correlate orders already placed on the D.G.(ISD) for the types of equipment enumerated in the Schedule A with the quotas for this equipment already allocated by the Secretary of State, indentors are requested immediately to furnish D.G.M.P. with copies of all outstanding orders (i.e. orders for which no advice of shipment has yet been received). If copies have already been sent to D.G.M.P. only the number and date of those still outstanding need be communicated.

4. It is emphasised that the above instructions apply only to Panel items, and a list of these items with detailed specifications is attached (Schedule A). These details should be carefully studied by all indenting Officers.

Sd/ S.A.Venkataraman,
Joint Secretary to the Government of India.

Government of India.
Department of Supply.
MUNITIONS PRODUCTION BRANCH.

Schedule A.
Description of Articles.

Group No.1 - Electric.

(a) Motors and Generators of any type or design up to 100 H.P. or 100 K.W. rating, together with their associated Starter and Control Gear.
(b) Distribution and Power Transformers up to 250 KVA of voltage ratio not exceeding 11 KV and Static Condensers up to 100 KVA.
(c) Standard switchgear and standard power fuse gear.
(d) Insulators and Insulations.
(e) Electrical Instruments.
(f) Electrical Accessories.
(g) Cables, wires and flexibles (other than winding wires) - cable accessories and winding wires.

Group No.2 - Internal Combustion Engines.

(a) Diesel Engines up to and including 20 H.P.
(b) Standard Horizontal Diesel Engines up to and including 55 B.H.P.
(c) Petrol Kerosene Engines up to 20 H.P.(excluding all automobile units).

Group No.3 - Pumping Machinery.

(a) Power driven pumps
(b) Manual Operated pumps.

Group No.4 - Ball and Roller Bearings.

Group No.5 - Small Tools.

(a) Metal Working Tools
(b) Wood Working Tools:- i) Saws. (ii) Cutters.

Group No.6 - Electrodes
(a) Coated.
(b) Uncoated.
(c) Bar and Rod.

Group No.7 - Pneumatic Plant.
Pneumatic plant consisting of tools and auxiliary equipment.

Group No.8 - Grinding Wheels and Segments.
Group No. 9 - Abrasives.
Group No.10 - Crucibles.
Group No.11 - Precision and Measuring Tools.
Group No.12 - Hand Tools.
Group No.13 - Belting of all types.

--------:oo:---------

No.F/3656/SBA.
Government of India .
DEPARTMENT OF SUPPLY.
(Munitions Production Branch),
6, Esplanade East, Calcutta, the 20th July, 1943.

OFFICE MEMORANDUM

Subject:- Instructions to Indentors regarding orders for Panel items.

- - - - -

In the Department of Supply (Munitions Production Branch) Office Memorandum No.F/3656/BA, dated the 21st January 1943, the scheme for the procurement from the United Kingdom of certain items of engineer stores under what is known as the "Panel Scheme" was explained, and all indentors entitled to indent direct on the Director General, India Store Department were asked to state whether they proposed to obtain their supplies of Panel items by placing direct indents on the Director General, India Store Department or from importers in this country. All the indentors who have replied so far have stated that they would prefer to obtain their supplies by placing indents on the Director General, Munitions Production, for procurement from importers under the Panel Scheme. Further, under the new procedure which has been introduced under the Railway Board's Memorandum No.43/982/5/SI, dated the 19th May 1943, all State-managed Railways are required to stop placing direct indents on the Director General, India Store Department, Blackpool, and to route all their demands through the Supply Department.

2. It has now been decided, therefore, that no civil indentor should place any direct indent on the Director General, India Store Department, for any of the items covered by the Panel Scheme. An up-to-date list of such Panel items is attached. Any additions or alterations made will be duly published. The procedure for the procurement of items covered by the Panel Scheme will with immediate effect be as follows:-

(a) All indents for Panel Goods required from the United Kingdom must be placed on the Director General, Munitions Production. It is necessary that these orders should be received sufficiently in advance to allow for the time inevitably taken in the procurement of goods from overseas under present conditions. Indents covering the requirements for the quarter July to September should, therefore, be sent to the Director General, Munitions Production, with the least possible delay. The Chief Controller of Purchase (Munitions) will try to meet such indents as far as possible out of the goods which have already been ordered by Panel importers and are due to arrive in the ensuing quarter. Indents covering the requirements for the quarter October to December should now be sent without loss of time, and in any case not later than the 31st July 1943. Indents for subsequent quarters should be placed at least a clear three months before the commencement of the quarter. On receipt of these indents, the Chief Controller of Purchase (Munitions) will proceed to place bulk orders for forward delivery on Panel importers; and to place orders on the Director General, India Store Department, where the importers are not prepared to take up the full quota.

(b) Emergent requirements can be met by importers under the Panel Scheme out of any stocks which they may have in hand. Such purchases may be made either direct from importers or by placing an emergent indent on the Director-General, Munitions Production. It is emphasized, however that owing to the acute shortage of these goods in the country, unless forward ordering is done, it is doubtful if the demands can be met at all.

(c) Even in cases where orders have been placed in good time, requirements cannot always be met in full, as it is not always possible for the United Kingdom to provide India with her total requirements of these goods. Indentors will be advised by the Director General, Munitions Production, when such an occasion arises, and, if possible, steps will be taken to obtain the nearest available substitutes from the United States of America either through commercial channels or on Lease/Lend.

It is therefore, necessary that, to each indent should be attached a statement, explaining the exact purpose for which the goods are required, the nature of the urgency of the demand and the consequences of failure to supply.

3. Some indentors have not yet furnished the information called for in paragraph 3(f) of the Office Memorandum of 21st January 1943. It is requested that this information may now be supplied without delay.

S.A. VENKATARAMAN,
Joint Secretary to the Government of India.

****

PROCEEDINGS OF THE GOVERNMENT OF HIS HIGHNESS
THE MAHARAJA OF MYSORE

RAILWAY DEPARTMENT.

Read -

Letter No.E.1282, dated 24th June 1943, from the General Manager, Mysore State Railway, submitting a brief note on the proceedings of the meeting of the Chief Mechanical Engineers and the Controllers of Stores convened by the Railway Board during May 1943, explaining the need for the formation of a Foreign Indent section, in the office of the Controller of Stores, and requesting sanction of Government in the circumstances reported therein, to the action taken in having -- permitted the Controller of Stores, Mysore State Railway to entertain two clerks, one on Rs.60/- per mensem and another on Rs.40/- per mensem and a Typist on Rs.30/- per mensem for a period of three months for the preparation of English Indents for 1944, which has to reach the Railway Board before 20th July 1943.

=-=-=-=-=-=-=

Order No.R.S. 87-89 Mly.F.63...43-44.

Bangalore, dated 8th July 1943.

ORDERED.

Secretary for Railways.
Government of Mysore.

8-7-43.

To The General Manager, Mysore State Railway.
" Comptroller to Government. } Thro' the Financial
" Auditor, Mysore State Railway. } Department.

No.43/982/5/S1. GOVERNMENT OF INDIA. New Delhi, dated 19-5-1943.

Railway Department. (Railway Board).

Revision of procedure by which stores are to be obtained by importation.

---

1. To ensure that the available production capacity is planned to the best advantage and simultaneously to frame properly co-ordinated arrangements for shipment, the Secretary of State for India has --- requested the Government of India to arrange for the demands for stores to be obtained by importation made by all railways to reach him through one channel only. This request applies to all Railways, Class I, Class II and Class III as well as to railways in Indian States.

2. The Government of India has therefore decided to set up a special Section in the Department of Supply which will be responsible for the procurement of the requirements of all Railways for stores obtained by importation ex. U.K. and/or U.S.A.

3. This section-which will form part of the Office of the D.G. M.P. in Calcutta, will be in charge of the Controller of Imported Railways Stores who will have dual functions. He will be responsible:-

(a) to the Railway Board for

(i) The receipt, examination, classification and co-ordination of all railway demands for stores obtained by importation except as noted below (see para 5).

(ii) The communication to the Supply Department of information as to the essentiality and relative priority of such demands.

(iii) Investigating, by direct correspondence with Railways when necessary, the justification for any demand as to specification, magnitude or delivery.

(iv) Proposing, where circumstances justify it, the diversion of stores received for one Railway to another Railways.

(v) Supplying to Railways information as to the progress of orders

(b) to the Supply Department for

(i) receiving the co-ordinated Railway demands and bulking them so far as may be possible.

(ii) preparing the indents for transmission to the Secretary of State.

(iii) preparing, for issue to Railways, suitable instructions as to the programme to which their demands must be submitted.

(iv) preparing, for issue to Secretary of State, requests for the submission of progress statements etc.

4. It has therefore been decided that, with immediate effect all demands from Railways for stores to be obtained by importation except as detailed in para 5 below, shall be canalized through the Office of C.I.R.S. in D.G.M.P's office and that:-

the submission of indents

(i) by State managed Railways on D.G.I.S.D. Blackpool.

(ii) by Company managed Railways on their Home Boards,

and the placing of orders

(iii) by the Railways of Indian States on their Purchasing Agents in U.K.

(iv) by all Railways on firms in this country for supply by

by importation must cease immediately.

5. The following are the only exceptions to these orders:-

(a) Non-Ferrous Metal demands.

Pending the issue of revised orders, these demands will continue to be submitted in accordance with the instructions contained in Railway Department memorandum No.41/809/19/S (I) dated 18-2-1942.

(b) Machine Tools.

Machine Tools will continue to be obtained in accordance with the instructions issued by the Machine Tools Controller.

Further detailed instructions will issue in a separate letter.

6. The Railway Department have appointed Mr.T.G.Creighton the --- Controller of Imported Railway Stores and orders issued by him to --- railways in fulfilment of his functions under para 3 (a) ante, will be the orders of the Railway Board.

Sd/- J. D. MICHAEL,

Secretary, Railway Board.

Addressed Class I, II and III Railways and C.M.E. Railway Board.

Copy for information to:-

(1) Supply Department (Main Sectt.) (with 15 spare copies). (2) Director General Munitions Productions, Calcutta (with 15 spare copies) (3) Chief Controller of Imports, New Delhi (with 10 spare copies). (4) Non-Ferrous Metals Directorate, 5 and 6 Government Place East Calcutt (5) Machine Tool Controller, D.G.M.P's. Office, Calcutta. (6) Steel Import Controller, Wellesly House, Wellesly Place Calcutta. (7) Directo General Supply, New Delhi (with 10 spare copies). (8) Commerce Departmen

" COPY "

Letter No.R.S.90 dated 9th July 1943 from the Secretary to the Government of Mysore, for Railways, Bangalore to the General Manager, Mysore State Railway, Mysore.

Meeting of Chief Mechanical Engineers and Controllers of Stores-Staff required for preparation of English Indents for 1944.

With reference to your letter No.E.1282 dated 24th June 1943 on the above subject, I am directed to state that as the decision arrived at, at the above meeting relating to the question of manufactures of Railway requirements, so as to reduce the import from the United Kingdom is very important, I am to request that you will be so good as to examine carefully the capacity of our workshops immediately after the detailed proceedings are received from the Railway Board, and submit proposals as to how best the advantage of the situation that has now arisen can be taken.

" COPY "

DIRECTORATE GENERAL, MUNITIONS PRODUCTION,

CALCUTTA.

List of items covered by the Panel Scheme.

(Revised up to 1st September 1943.)

CALCUTTA: PRINTED BY THE MANAGER
GOVERNMENT OF INDIA PRESS: 1943

CLASSIFICATION OF EQUIPMENT COVERED BY THE PANEL SCHEME—GROUP NO. 1(a) —MOTORS AND GENERATORS TOGETHER WITH ASSOCIATED STARTER AND CONTROL GEAR.

1. Electric Motors and Generators of any type or design up to and including 100 H. P. or 100 K. W. irrespective of voltage or frequency, whether A. C. or D. C. and irrespective of speed or type of enclosure.

2. Starters for motors included under item 1.

3. Field or Exciter Regulators for Generators included under item 1.

Explanatory Notes—

(*a*) Allied Switchgear such as isolators or Switchboards on which Starters or regulators may be mounted, are excluded since they are included under Group 1(*c*)—Switchgear.

(*b*) Where a direct-on-Starter merely comprises a Standard switch with or without fuses, this also is excluded since this is included under Group 1(*c*)—Switchgear.

(*c*) Composite machines such as Electric Drills, Electric Sirens, Pumping Sets where the electric motor is a composite part forming a self-contained unit; motors built into machine tools; train lighting equipment, and motors for traction application, are all excluded.

(*d*) Fractional Horse Power Motors of less than 1 H. P. are included under Group 1(*a*).

CLASSIFICATION OF EQUIPMENT COVERED BY THE PANEL SCHEME—GROUP NO. 1(b) —DISTRIBUTION AND POWER TRANSFORMERS AND STATIC CONDENSERS.

1. Power and Distribution Transformers of any type or design up to and including 250 KVA but not exceeding 11,000 volts.

2. Industrial Static Condensers up to and including 100 KVA.

Explanatory Notes—

(*a*) Instrument Transformers; Current and Potential Transformers are excluded since these are covered by Group 1(*e*)—Electrical Instruments and Group 1(*c*)—Switchgear respectively.

(*b*) Bell Transformers are excluded since these are covered by Group 1(*f*)—Electrical Accessories.

(*c*) Wireless or other Small Transformers not required for power purposes are excluded.

(*d*) Safety Lighting Transformers are included.

(*e*) Static Condensers for wireless and instrument purposes, and also fan and radio suppression condensers are excluded.

CLASSIFICATION OF EQUIPMENT COVERED BY THE PANEL SCHEME—GROUP NO. 1(c) —STANDARD SWITCHGEAR AND STANDARD POWER FUSE GEAR NOT EXCEEDING 660 VOLTS.

1. Airbreak non-automatic Switchgear—any capacity.

2. Airbreak automatic Circuit Breakers—any capacity.

3. Ironclad Switch and Fuse Gear.

4. Isolating Switches.

5. Lightning Arresters and Choke Coils.

6. Low Tension Fuses.

7. Relays and Contactor Gear other than Contactor Starters but including Battery Cut-ins and Cut-outs.

8. Oil Circuit Breakers.

9. Potential and Current Transformers for use with Instruments, Relays, etc., when forming part of Switchgear, whether ordered with Switchgear or separately.

CLASSIFICATION OF EQUIPMENT COVERED BY THE PANEL SCHEME—GROUP No. 1(d) —INSULATORS AND INSULATIONS.

Insulators—

Pin, Shackle, Disc and Ironwork for voltages from 400 to 66,000 inclusive.

Insulations—

1. Micanite Sheet and Tubes.

2. Interohm Sheet and Rods.

3. Tufnol Sheet and Rods.
4. Bakelite Sheet Rods and Tubes.
5. Presspahn Sheet.
6. Ebonite Sheet and Rods.

CLASSIFICATION OF EQUIPMENT COVERED BY THE PANEL SCHEME—GROUP No. 1 (e) —ELECTRICAL INSTRUMENTS AND HOUSE SERVICE METERS.

1. Indicating Switchboard and Controller mounting Instruments. (Voltmeters, Ammeters, Wattmeters, Volt-ammeters, Power Factor Meters, Frequency Meters, Synchroscopes.)
2. Portable Instruments . . . (Portable Moving Coil and Moving Iron Voltmeters, Ammeters, Wattmeters, Power Factor Meters, Frequency Meters.)
3. Recording Instruments . . . (Portable and permanent fixing recording Voltmeters, Ammeters, Wattmeters.)
4. Meg, Meggers, Insulation Testers and accessories.
5. Ohmmeters.
6. Capacity Meters.
7. Maximum Demand Meters.
8. Wheatstone Bridges.
9. Fault Locating Sets.
10. Potentiometers.
11. Instrument Transformers.
12. Time Switches.
13. Pyrometers and Thermocouples.
14. G. P. O. Detectors.
15. Standard Accessories such as Connecting Leads, Compensating Leads, Standard Cells, Resistance Boxes and Galvanometers for use with instruments.
16. House Service Meters A. C. & D. C. of any capacity.

CLASSIFICATION OF EQUIPMENT COVERED BY THE PANEL SCHEME—GROUP No. 1(f) —ELECTRICAL ACCESSORIES.

1. Industrial and Streetlighting Fittings and Floodlights.
2. Tumbler Switches, Ceiling Roses, Plugs and Sockets, Porcelain Cut-outs and Lampholders.
3. Conduit Accessories.
4. Bell Wiring Accessories (excluding wire).

CLASSIFICATION OF EQUIPMENT COVERED BY THE PANEL SCHEME—GROUP No. 1(g) —CABLES, WIRES AND FLEXIBLES (OTHER THAN WINDING WIRES) CABLE ACCESSORIES AND WINDING WIRES.

Category No. (1)—Rubber Insulated Cables and Flexible Cords.

All standard British sizes up to 660 volts, including :—

(*a*) Braided types, including Weather proof and Fire-resisting.
(*b*) Lead Alloy Sheathed with and without Earth Continuity Conductor.
(*c*) Flexible Cords—Cotton or Silk braided only.
(*d*) Trailing Cables (except Tough Rubber Sheathed).
(*e*) Welding Cables (,, ,, ,, ,,).

Excluding.—All cables and flexibles with Tough Rubber Sheathing, and/or with any form of metallic armouring.

Category No. (2)—Paper Insulated Cables—Unarmoured.

Paper Insulated Cables for Power Transmission purposes as follows :—

Mains Cables to B. S. S. 480/1933.

460 and 1,000 volts—

2—Core—all standard sizes up to and including ·10 sq. in.

3—Core— „ „ „ „ „ „ ·20 „

3½—Core— „ „ „ „ „ „ ·20 „

4—Core— „ „ „ „ „ „ ·10 „

3,000 volts—

3—Core—all standard sizes up to and including ·20 sq. in.

6,000 volts—

3—Core—all standard sizes up to and including ·05 sq. in.

10,000 volts—

3—Core—all standard sizes up to and including ·06 sq. in.

Excluding.—Mains cables other than above-mentioned. Paper Insulated Cables for Signal or Control purposes and Telephone and Telegraph Cables.

N.B.—All Armoured Cables are excluded.

Category No. (3)—Miscellaneous Cables.

All British standard sizes up to 1,000 volts of such types as are normally supplied from stock, as follows :—

(*a*) Telephone Switchboard and Intercommunication Cables and Wires insulated with textile material, with or without lead sheathing.

(*b*) Varnished Cambric Insulated Cables with or without lead sheathing.

(*c*) Motor car Starting, Lighting and Ignition Cables.

(*d*) Radio wires and cables including Aerials, and Slide Back Wires.

(*e*) Small Covered Conductors (not rubber covered) not included in other categories.

Category No. (4)—Bare Copper Wires (including Braided Aerial Wires).

All British standard sizes up to and including size 4/0 SWG.

Including :—

(*a*) Hard, Medium or Soft Drawn Solid* bare copper wires, plain or tinned.

(*b*) Rectangular Wire, Tape, Strips or Bars.

(*c*) Insulated Wires used for Overhead Work—known as Braided Aerials—including Simplex, Duplex, and Triplex, E. N. B. and P. B. J.

**N.B.*—Stranded bare copper wires, also grooved trolley wires are not included as these are not generally stocked owing to the multiplicity of sizes, strandings and drum lengths which may be required.

Category No. (5)—Winding Wires.

All sizes.

Including :—

Copper or alloy wires, strands or strips which are insulated with cotton, enamel, silk, papor, asbestos, etc., or combinations of these coverings for winding or resistance purposes.

Tin, lead or alloy fuse wires.

Bare resistance Wires.

Category No. (6)—Cable Accessories.

(*a*) Joint Boxes Terminal, Straight through Service and Tee indoor and outdoor (underground or overground) suitable for paper cable sizes under Category 2.

Lead Junction Boxes.

Cable Inspection Frames and Covers.

Outdoor boxes for Telephone Cables with fuses and lightning arresters.

Indoor boxes for Telephone Cables with fuses and lightning arresters.

Category No. (6):— Cable Accessories—*cont'd.*

(*b*) Box accessories including :—

Cable Connectors of all types.

Jointing Sleeves.

Bonding Clamps.

Cable Glands.

Armour Grips.

Cable Sockets.

Sealing Chambers.

Lead Sleeves.

(*c*) Cable jointing materials including :—

Cable Box Compounds.

Trough filling compounds.

Bitumen Compounds.

Adhesive Tape.

Impregnated tapes and cloth.

Fine Cotton Tape.

Varnished Cambric Tubing.

Vulcanising Compounds.

Preservative Compounds.

Vulcaniser Oil.

Rubber Tape and Strip.

Resin Cored Solder.

Lead and Alloy Tapes.

Insulating Varnishes.

Plastic Compounds.

Resin.

Soldering Pastes.

Paper jointing sleeves.

(*d*) Wiring system accessories including :—

Link Clips or Strap Clips.

Earthing Clips.

Soldering Sockets.

Porcelain Connectors.

Bonding Clamps.

Bonding Bars.

Joint boxes and spares.

Porcelain Cleats.

Buckle Clips.

Lead Alloy Tape.

Eye pieces.

Tee boxes (metal or non-metal).

Feed boxes.

Lead Alloy fixing tape.

Category No. (6)—Cable Accessories—*concld*.

(*e*) Overhead line accessories including :—

Line taps.

Line Connectors.

Fuse Taps.

Aerial Cable unions for copper and aluminium strands.

Terminal clamps for copper and aluminium strands.

Bimetallic Clamps.

Stay Rods.

Stay tighteners.

Earthing rods.

MacIntyre Jointing sleeves.

CLASSIFICATION OF EQUIPMENT COVERED BY THE PANEL SCHEME—GROUP No. 2—INTERNAL COMBUSTION ENGINES.

(*a*) **Diesel Engines.—**

All vertical types up to and including 20 B. H. P.

Standard Horizontal Types up to 55 B. H. P.

(*b*) **Petrol Kerosene Engines.—**

All types up to and including 20 H. P.

(Automobile units are excluded.)

CLASSIFICATION OF EQUIPMENT COVERED BY THE PANEL SCHEME—GROUP No. 3(a)—PUMPING MACHINERY (POWER DRIVEN).

(*a*) *Horizontal Centrifugal Pumps to handle clear water not exceeding 150°F.*—(All three conditions to be fulfilled.)

Delivery opening :—Size up to 6″ inclusive.

Maximum capacity :—Up to 600 gallons per minute.

Maximum head :—Up to 100 feet.

(*b*) *Plunger Pumps—Steam Driven.*—(All three conditions to be fulfilled.)

Size of plunger :—3″ to 6″ inclusive.

Maximum capacity :—Up to 5,500 gallons per hour.

Maximum head :—Up to 250 lbs.

(*c*) *Plunger Pumps—Belt Driven.*—(All three conditions to be fulfilled.)

Size of plunger :—1¼″ to 3″ inclusive.

Maximum capacity :—Up to 820 gallons per hour.

Maximum head :—Up to 200 lbs.

CLASSIFICATION OF EQUIPMENT COVERED BY THE PANEL SCHEME—GROUP No. 3(b)—PUMPING MACHINERY (OTHER THAN POWER DRIVEN).

All types of Pumps operated by hand or foot.

CLASSIFICATION OF EQUIPMENT COVERED BY THE PANEL SCHEME—GROUP No. 4—BALL AND ROLLER BEARINGS.

(*a*) Inch type Ball and Cylindrical type Roller Bearings (*b*) Metric type Taper Roller Bearings.

CLASSIFICATION OF EQUIPMENT COVERED BY THE PANEL SCHEME—GROUP No. 5(a) —METAL WORKING TOOLS—SPECIFICATION OF TOOLS (POWER OPERATED).

Category.	Description.
1	H.S.S. Hacksaw Blades.
2	Other do.
3	H.S.S. Twist Drills.
4	Carbon do.
5	Milling, Slotting & Engraving Cutters.
6	Reamers.
7	Slitting Saws.
8	Saw Inserts and Segments of all sizes, Circular Metal Cutting Saws up to 24 in. Diameter and Metal Cutting Bandsaws up to 2 in. width.
9	Taps.
10	Hand Dies.
11	Hand Chasers.
12	Stocks & Dies.
13	Machine Chasers.
14	Machine Dies.
15	H.S.S. Tipped Tools & Form Tools.
16	Tung. C. Tools.
17	H.S.S. Tool Holder Bits.
18	Shear Blades.

CLASSIFICATION OF EQUIPMENT COVERED BY THE PANEL SCHEME—GROUP No. 5(b)—WOOD WORKING TOOLS (POWER OPERATED).

1. **Cutters—**
   - (*a*) Planing Knives for *Power Driven Planing Machine.*
   - (*b*) Tenon Cutters.
   - (*c*) Shoulder Cutters.
   - (*d*) Mould Cutters.
   - (*e*) Solid Cutters.

2. **Mortise Cutters, Power Driven—**
   - (*a*) Internal Augers.
   - (*b*) Hollow Chisels.

3. **Saws—**

I. Circular Saws.

(*a*) Ripping.
(*b*) Cross-cut.
(*c*) Hollow Ground.
} 24 in. diameter and under.

II. Band Saws (Power Driven).

(*a*) Band Saws.
(*b*) Fret Saws.
} 2 in. width and under.

III. Frame Saws.

CLASSIFICATION OF EQUIPMENT COVERED BY THE PANEL SCHEME—GROUP No. 6—ELECTRODES.

Electrodes of all types for Electric Arc Welding (excluding Wires and Rods for Oxy-Acetylene process).

CLASSIFICATION OF EQUIPMENT COVERED BY THE PANEL SCHEME—GROUP No. 7—PNEUMATIC PLANT.

Auxiliary Tool Equipment *excluding* Prime Movers and Hose.

CLASSIFICATION OF EQUIPMENT COVERED BY THE PANEL—SCHEME GROUP No. 8—GRINDING WHEELS & SEGMENTS.

(*a*) Grinding Wheels—

(i) Straight sided.
(ii) Taper sided.
(iii) Cylindrical Shaped.
(iv) Straight Cup Shaped.
(v) Taper Cup Shaped.
(vi) Saucer Shaped.
(vii) Dish Shaped.

(*b*) Grinding Segments used on the following Machines—

(i) Snow.
(ii) Tasker.
(iii) Hulse.
(iv) Churchill.
(v) Rowland.
(vi) Blanchard.
(vii) Lumsden.
(viii) Lund.
(ix) Pratt & Whitney.
(x) Naxos Union.

CLASSIFICATION OF EQUIPMENT COVERED BY THE PANEL SCHEME—GROUP No. 9—ABRASIVES.

(*a*) Valve Grinding compounds—

(i) In Tins.
(ii) In Tubes.

(*b*) Carborundum Files including—

(i) Scythe Stones.
(ii) Slip or Gouge Stones.
(iii) Honing Stones.
(iv) Abrasive Sticks (Round, Square, Three-square and Half-Round).

(*c*) Abrasive Bricks including—

(i) Plain Hand Rubbing Bricks.
(ii) Roll Scouring Blocks.
(iii) Special Shaped Blocks (For use in Stone, Leather and Allied Trades).

(*d*) Abrasive Grinding Belts, Rolls and Discs (for Power or Hand Driven Machines).

(*e*) Emery Powders (Grain).

(*f*) Glass Paper } in sheet form including emery paper and cloth, Silican Carbide and
(*g*) Sand Paper } Aluminium Oxide Abrasives.

CLASSIFICATION OF EQUIPMENT COVERED BY THE PANEL SCHEME—GROUP No. 10—CRUCIBLES.

(*a*) Crucibles size No. 1 (2 lbs. brass capacity) to size No. 300 (600 lbs. brass capacity) for use in pit furnaces, oil or coke fired.

(*b*) Crucibles of 150 lbs. capacity (brass) to 2,240 lbs. capacity (brass) for use in oil or coke fired tilting furnaces.

(*c*) Accessories comprising—

(i) Covers.
(ii) Muffle Rings.
(iii) Spout pieces.
(iv) Stands, etc., etc.

CLASSIFICATION OF EQUIPMENT COVERED BY THE PANEL SCHEME—GROUP No. 11—PRECISION TOOLS & MEASURING TAPES.

Item No.	Description.
1	Micrometers.
2	Universal Surface Gauges.
3	Vernier Height Gauges.
4	Vernier Depth Gauges.
5	Micrometer Depth Gauges.
6	Rule Depth Gauges.
7	Planer & Shaper Gauges.
8	Taper Parallel Gauges.
9	Screw Pitch Gauges.
10	Fillet & Radius Gauges.
11	Feeler Gauges.
12	Thickness Gauge Stocks.
13	Twist Drill & Machine Screw Tap Gauges.
14	Calliper & Wire Gauges.
15	Drill & Wire Gauges.
16	Jobber's Drill Gauges.
17	Drill Point & Depth Gauges.
18	Rolling Mill Gauges.
19	English Standard Wire Gauges.
20	Dial Gauges.
21	Dial Test Indicators.
22	Lathe Test Indicators.
23	Straight Edges.
24	Indicator Attachments.
25	Vernier Callipers.
26	Universal Bevel Protractors.
27	Protractors.
28	Combination Sets.
29	Stainless Steel Draftman's Protractors.
30	Gear-Tooth Verniers.
31	Speed Indicators.
32	Tool Maker's Buttons.
33	Die Maker's Squares.
34	Hardened Steel Squares.
35	Combination Squares.
36	Universal Bevels.
37	Combination Calliper & Dividers.
38	Steel Rules.
39	Measuring Tapes.
40	Feeler Gauge Strip.

CLASSIFICATION OF EQUIPMENT COVERED BY THE PANEL SCHEME GROUP No. 12—HAND TOOLS.

(*a*) Blades, Hacksaw.

(*b*) Cutters, glass.

(*c*) Dressers, Emery wheel.

(*d*) Expanders, tube.

(*e*) Files.

(*f*) Rasps.

(*g*) Saws.

CLASSIFICATION OF EQUIPMENT COVERED BY THE PANEL SCHEME—GROUP No. 13 —BELTING OF ALL TYPES AND SIZES.

(*a*) Leather (flat and round).

(*b*) Hair.

(*c*) Cotton.

(*d*) Rubber (including train lighting).

(*e*) Balata.

(*f*) V Ropes and V Belts.

(*g*) Conveyor (Cotton).

(*h*) Conveyor (Rubber).

(*i*) Leather Belt Laces.

(*j*) All other types of Belt fasteners and Belt Laces other than leather.

CLASSIFICATION OF EQUIPMENT COVERED BY THE PANEL SCHEME—GROUP No. 14 VERTICAL BOILERS.

Vertical Boilers of all types up to and including 12 N. H. P.

MGIPC—S5—318 Dof S — 14 9 43 —500.